

Abstract of the Disclosure

5 A coating composition for application on a porous substrate for use
with a roller printing application. The coating composition comprises an
ethoxylated polyethyleneimine polymer, a pH modifier, a thickening additive,
an ammonium sulfate, a surfactant, and water. Optional additives can
comprise a biocide, a lower aliphatic alcohol and a UV fluorescent dye. When
10 the coating composition is applied to the porous substrate, waterfast prints are
produced which are resistant to smudging or bleeding when subjected to
moisture. The coating composition can be applied to the porous substrate as a
pre-print coating or a post-print coating.

THE UNIVERSITY OF CHICAGO